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DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
OFFICE OF STANDARDS SERVICES

COMMERCIAL STANDARD CS213-57

STEEL KNOCKDOWN SLIDING CLOSET DOOR UNITS
(FOR WOOD FRAME INSTALLATIONS)

Commercial Standard CS213-57, Steel Knockdown Sliding Closet Door Units (For Wood Frame Installations). This standard was found to be obsolete, technically inadequate, no longer acceptable to and used by the industry and was withdrawn by the Department of Commerce in 1971.

This commercial standard was proposed by the Steel Door Institute, representing manufacturers of interior steel doors and frames.

For technical assistance and additional information concerning this

subject, contact: Steel Door Institute (SDI)

30200 Detroit Road

Cleveland, Ohio 44145-1967, USA

Telephone: (216) 899-0010

Fax: (216) 892-1404

SHADOW MOUNTAIN NATIONAL RECREATION AREA

Notice of Intention To Issue Concession Permits

Pursuant to the provisions of section 5 of the Act of October 9, 1965 (79 Stat. 969; 16 U.S.C. 20), public notice is hereby given that thirty (30) days after the date of publication of this notice, the Department of the Interior proposes to issue the following concession permits to: Burton Adams doing business as Sunrise Harbor; Richard Albert & Michael McQueen doing business as Shadow Mountain Water Shows, Inc.; William Bell doing business as Bell Crest Resort; Joe Carpenter doing business as Beacon Boatel; Marvin Fischer doing business as Lake Kove Resort; Glen Moss doing business as Shadow Mountain Marina; Henry Pohl and J. R. Steward doing business as Trail Ridge Marina; Eoil Scott doing business as El Navajo Lodge; Edward Scott doing business as Gala Marina, Inc., authorizing them to provide concession facilities and services for the public at Shadow Mountain National Recreation Area for the period of five (5) years, from January 1, 1971, through December 31, 1975.

The foregoing concessioners have performed their obligations under a prior permit to the satisfaction of the National Park Service and therefore, pursuant to the Act cited above, are entitled to be given preference in the renewal of permits and in the negotiation of new permits. However, under the Act cited above, the National Park Service is also required to consider and evaluate all proposals received as a result of this notice. Any proposal to be considered and evaluated must be submitted within thirty (30) days after the publication date of this notice.

Interested parties should contact the Superintendent, Rocky Mountain Group, National Park Service, Estes Park, CO 80517 for information as to the requirements of the proposed permits.

Dated: April 14, 1971.

EDWARD A. HUMMEL,
Assistant Director,
National Park Service.

[FR Doc.71-5646 Filed 4-22-71; 8:45 am]

DEPARTMENT OF AGRICULTURE

Forest Service

WOODSY OWL SYMBOL

Notice Concerning Plans and Protection

The Forest Service, U.S. Department of Agriculture, has embarked on a new public service educational campaign for a quality environment. It applies to Forest Service responsibilities in research, national forest and State and private forest land management. The campaign will be largely financed through nonprofit foundations and private funds donated to the Public Service Council specifically for antipollution/

environmental education and through merchandising royalties.

Symbol of the new campaign is "Woody Owl." Its slogan is "Give a Hoot—Don't Pollute."

Patterned along the lines of the Forest Service Smokey Bear Program for forest fire prevention, the antipollution/environmental education campaign will stress the contributions that individuals can make toward solution of the problems.

Television, radio, newspapers, and other mass media will donate public service time and space to Woody's message. A major television producer is preparing a series of animated films and a special program featuring Woody and his educational environmental messages for national release. A number of short public service spots are also planned at no cost to the Government.

Consideration will be given to other requests for legitimate use of the symbol and slogan, based on their contribution to the public good, to the values and goals of the campaign, and their relative production plans, commitments and distribution.

The Woody Owl symbol was designed by the Forest Service in March 1970. It is being filed with the Patent Office as an Agriculture Department service mark. The character, Woody Owl, and his slogan have already received protection through laws governing interstate trade.

Use of the symbol and slogan is subject to approval by the Forest Service, U.S. Department of Agriculture, 12th and Independence Avenue SW, Washington, DC 20250, in the public interest. Unauthorized use will be in violation of Federal Law.

EDWARD P. CLIFF,
Chief, Forest Service.

[FR Doc.71-5690 Filed 4-22-71; 8:49 am]

*DEPARTMENT OF COMMERCE

National Bureau of Standards VOLUNTARY PRODUCT STANDARDS

Notice of Action on Proposed Withdrawal

In accordance with § 10.12 of the Department of Commerce Procedures for the Development of Voluntary Product Standards (15 CFR Part 10, as amended; 35 F.R. 8349 dated May 28, 1970), notice is hereby given of the withdrawal of 111 Voluntary Product Standards identified below, including 78 standards identified as "Simplified Practice Recommendations" (R), and 33 standards previously identified as "Commercial Standards" (CS). Each of these standards has been found to be obsolete, technically inadequate, no longer acceptable to and used by the industry, or otherwise not in the public interest.

Public notice of the Department's intention to withdraw these standards was published in the FEDERAL REGISTER on February 10, 1971 (36 F.R. 2813), and a 45-day period was provided for the sub-

mission of comments or objections concerning the proposed withdrawal of any of these standards. No objections to the Department's intention of withdrawing any of these standards have been received by the National Bureau of Standards.

The effective date for the withdrawal of these standards will be 60 days after the publication of this notice. This withdrawal action terminates the authority to refer to these standards as Voluntary Product Standards developed under the Department of Commerce Procedures.

- R 4-38... Asphalt.
- R 8-50... Ferrous range boilers, expansion tanks, and solar tanks.
- R 9-47... Galvanized woven-wire fencing and barbed wire.
- R 10-37... Asbestos paper and asbestos millboard.
- R 21-46... Lavatory and sink traps.
- R 23-54... Flaw bolts.
- R 26-50... Steel reinforcing bars.
- R 35-44... Steel lockers.
- R 38-37... Sand-lime brick.
- R 49-26... Sidewalk, floor, and roof lights.
- R 59-27... Rotary-cut lumber stock for wire-bound boxes.
- R 63-28... Metal spools (for annealing, handling and shipping wire).
- R 65-31... Packaging of overhead electric railway material.
- R 67-36... Taper roller bearings.
- R 68-41... Metal and nonconducting flashlight cases.
- R 69-27... Packaging of razor blades.
- R 71-28... Turnbuckles.
- R 74-49... Hospital and institutional cotton textiles.
- R 75-29... Composition blackboard.
- R 80-28... Folding and portable wooden chairs.
- R 82-28... Hollow metal single-acting swing doors, frames and trim.
- R 83-28... Kalamen single acting swing doors, frames, and trim.
- R 88-37... Floor sweeps.
- R 89-55... Coated abrasive products.
- R 92-38... Hard fiber twine and lath yarn (ply and yarn goods).
- R 93-39... Paper shipping tags.
- R 94-53... Open-web steel joists and open-web malleable steel joists.
- R 95-30... Skid platforms.
- R 97-47... Bell-bottom screw jacks.
- R 101-40... Metal partitions for toilets and showers.
- R 102-33... Granite curbstone.
- R 105-32... Wheelbarrows.
- R 107-31... Glassine bags.
- R 110-29... Soft fiber (jute) twine.
- R 112-29... Elastic shoe goring.
- R 115-30... Full-disk buffing wheels.
- R 119-31... Fast-selva terry towels.
- R 122-31... Wire insect-screen cloth.
- R 123-43... Carbonated beverage bottles.
- R 124-31... Polished cotton twine.
- R 126-41... Set-up paper boxes (used by department and specialty stores).
- R 127-41... Folding paper boxes (used by department and specialty stores).
- R 128-41... Corrugated fiber boxes (used by department and specialty stores).
- R 131-35... Glass containers for mayonnaise.
- R 138-32... Dental rubber (base and veneering).

COMMERCIAL STANDARD **CS213-57**

WITHDRAWN

Steel Knockdown Sliding Closet Door Units (For Wood Frame Installation)

A recorded
voluntary standard of the
trade published by
the U. S. Department
of Commerce



**For sale by the Superintendent of Documents
U. S. Government Printing Office, Washington 25, D. C. Price 10 cents**

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

Issued by

OFFICE OF TECHNICAL SERVICES

Commodity Standards Division

With the cooperation of

NATIONAL BUREAU OF STANDARDS

COMMERCIAL STANDARDS

Commercial Standards are developed by manufacturers, distributors, and users in cooperation with the Commodity Standards Division of the Office of Technical Services, and with the National Bureau of Standards. Their purpose is to establish standard methods of test, rating, certification, and labeling of manufactured commodities, and to provide uniform bases for fair competition.

The adoption and use of a Commercial Standard is voluntary. However, when reference to a Commercial Standard is made in contracts, labels, invoices, or advertising literature, the provisions of the standard are enforceable through usual legal channels as a part of the sales contract.

Commercial Standards originate with the proponent industry. The sponsors may be manufacturers, distributors, or users of the specific product. One of these three elements of industry submits to the Commodity Standards Division the necessary data to be used as the basis for developing a standard of practice. The Division, by means of assembled conferences or letter referenda, or both, assists the sponsor group in arriving at a tentative standard of practice and thereafter refers it to the other elements of the same industry for approval or for constructive criticism that will be helpful in making any necessary adjustments. The regular procedure of the Division assures continuous servicing of each Commercial Standard through review and revision whenever, in the opinion of the industry, changing conditions warrant such action.

SIMPLIFIED PRACTICE RECOMMENDATIONS

Under a similar procedure the Commodity Standards Division cooperates with industries in the establishment of Simplified Practice Recommendations. Their purpose is to eliminate avoidable waste through the establishment of standards of practice for sizes, dimensions, varieties, or other characteristics of specific products; to simplify packaging practices; and to establish simplified methods of performing specific tasks.

Steel Knockdown Sliding Closet Door Units

(For Wood Frame Installation)

[Effective August 15, 1957]

1. PURPOSE

1.1 The purpose of this Commercial Standard is to establish standard sizes and construction requirements for steel knockdown sliding closet door units, of the floor track or top-hung type, for the guidance of producers, distributors, architects, builders, and the public; to provide the building industry with standard steel knockdown sliding closet door units; to avoid delays and misunderstandings; and to effect economies from the producer to the ultimate user through a wider utilization of these units.

2. SCOPE

2.1 This standard provides minimum requirements for steel knockdown sliding closet door units, consisting of two panels of a bypassing type, where one panel disappears behind the other in operation, and where both panels are supported either by rollers on a floor track or by rollers on an overhead track. The units, consisting of sliding closet doors and metal channel guides, are to be considered as manufacturers' stock items not subject to variation, and are intended for use in interior applications where low-cost doors are normally required. The standard covers kind and thickness of material, sizes and types of panels, general requirements, and labeling.

2.2 The standard covers the furnishing of doors and jamb and head-trim members but does not include requirements for their erection.

2.3 It is believed that manufacturers' published details and this standard will provide all the essential information and that approval drawings will not be required for these stock items.

3. MATERIAL

3.1 Steel shall be cold-rolled or hot-rolled, pickled and oiled, in the minimum United States standard gages (with decimal equivalents) given in table 1.

TABLE 1. *Steel gages*

Item	Gage	Equivalent thickness
Jamb and head members	No. 24	<i>Inch</i> 0.0239
Door panels	20	.0359
Track	22	.0299

4. DIMENSIONS

4.1 *Method of measuring.*

4.1.1 Width shall be measured from inside to inside of the finished wood-jamb opening. The width shall be 36 inches for a 3-foot opening, 48 inches for a 4-foot opening, etc.

4.1.2 Height of units shall be nominally 6 feet 8 inches. Exact height and type of framing shall be determined from manufacturers' standards.

4.1.3 Floor-to-ceiling units are designed to be applied between finished floor and ceiling, with a ceiling height of 8 feet.

4.1.4 Panel widths shall be such as to provide a nominal overlap of $\frac{3}{4}$ inch when door panel is closed.

4.2 *Opening sizes.*—Units furnished in accordance with this standard are available in the following opening sizes:

<i>Nominal sizes</i>	
3'0'' x 6'8''	4'0'' x 8'0''
4'0'' x 6'8''	5'0'' x 8'0''
5'0'' x 6'8''	6'9'' x 8'0''
6'0'' x 6'8''	

5. TYPES

5.1 Panels may be of the flush or semiflush type.

5.2 All units shall be supplied with jamb and head-trim members so designed as to conceal the vertical edge of the panels in the closed position. These members shall be adapted for attaching to the wooden members framing the opening.

5.3 These closet door units shall be designed to permit facing with standard wood trim furnished by others.

5.4 Closet door units shall be provided with a double track.

6. GENERAL REQUIREMENTS

6.1 All shapes shall be formed in accordance with manufacturers' standard contours.

6.2 All panels and jamb and head-trim members shall be neat in appearance and functionally satisfactory.

6.3 Knockdown closet door units shall be furnished with all necessary jamb and head-trim members, panels, and hardware completely cartoned.

6.4 Panels shall be fully prepared for necessary operating hardware.

6.5 Panels shall be thoroughly cleaned and all visible surfaces finished with high-quality, baked-on primer.

6.6 Jamb and head-trim members shall be thoroughly cleaned and shop-primed.

7. HARDWARE

7.1 *Sheaves or rollers.*—Each panel shall rest and roll on two sheaves or rollers of a design to fit the track and provide reasonable restraint against derailing.

7.2 *Guides.*—Each panel shall be furnished with a guide or guides to provide lateral guiding for the panels and to restrain panels against accidentally rising and disengaging the track.

7.3 *Finger-pull.*—Each panel shall have at least one finger pull of the recessed type to provide a satisfactory means of sliding the door.

7.4 *Bumpers.*—Each unit shall be furnished with at least four rubber or plastic bumpers to provide for quiet closure.

7.5 *Screws.*—All necessary screws for attaching jamb and head-trim members to wood casing shall be furnished.

8. LABELING

8.1 In order to assure the purchaser that he is getting a steel knock-down sliding closet door unit of the quality specified, fabricators may individually or in concert with their trade associations issue certificates, or mark each door unit by stamp or label as conforming to this standard. The following wording is recommended for the label:

This steel knockdown sliding closet door unit conforms with all requirements of Commercial Standard CS213-57, as developed by the trade under the procedure of the Commodity Standards Division, and issued by the U. S. Department of Commerce.

(Name of fabricator)

9. STORAGE AND ERECTION

9.1 The following practices are recommended for the protection of all concerned:

9.1 Store cartoned units at the site on wood sills or on floors in a manner that will prevent rust and damage.

9.1.2 Frame openings plumb, rigid, and in true alinement.

10. EFFECTIVE DATE

10.1 Having met all procedural requirements of the Commodity Standards Division, including approval by the acceptors hereinafter listed, this Commercial Standard was issued by the United States Department of Commerce, effective from August 15, 1957.

EDWIN W ELY,
Chief, Commodity Standards Division.

HISTORY OF PROJECT

This standard was proposed by the Steel Door Institute, representing manufacturers of interior steel doors and frames. On July 7, 1954, the Institute requested the Commodity Standards Division, Office of Technical Services, to assist the industry in establishing a Commercial Standard for steel knockdown sliding closet door units, and submitted specifications as a basis for the proposed standard.¹

On March 4, 1955, the Commodity Standards Division circulated the recommended standard to manufacturers, distributors, and users for acceptance.

A number of comments and suggestions for changes were received, which were reviewed and considered by the Institute's technical committee, and discussed at their meetings. As a result some of the suggested changes were approved, after which copies of the standard with the changes indicated were submitted to the acceptors for approval.

¹ See note on page 10.

Firms and others concerned submitted written acceptances, estimated to represent a satisfactory majority of the production volume and a sufficient cross section of the industry to insure successful application of the standard. Accordingly, the Commodity Standards Division announced on July 15, 1957, that the standard had been approved for promulgation as CS213-57, Steel Knockdown Sliding Closet Door Units (for Wood Frame Installation), and would be effective from August 15, 1957.

Project Manager: George E. Umhau, Commodity Standards Division, Office of Technical Services.

Technical Adviser: John L. Swinnerton, Plant Division, National Bureau of Standards.

STANDING COMMITTEE

The following individuals comprise the membership of the standing committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comments concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Commodity Standards Division, Office of Technical Services, United States Department of Commerce, which acts as secretary for the committee.

A. L. MUNSELL, Truscon Steel Division, Republic Steel Corp., 1315 Albert St., Youngstown 1, Ohio. (Acting Chairman.)

E. J. BOUGHTON, United Steel Fabricators, Inc., Wooster, Ohio.

W. F. SCOTT, Virginia Metal Products Corp., Orange, Va.

NOTE.—The committee was in the process of formation when the standard was published. The above list gives only the names of those who accepted membership prior to printing. A complete list of the members will be available from the Commodity Standards Division.

ACCEPTANCE OF COMMERCIAL STANDARD

If an acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this Commercial Standard.

Date _____

Commodity Standards Division
Office of Technical Services
U. S. Department of Commerce
Washington 25, D. C.

Gentlemen:

We believe that Commercial Standard CS213-57 constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production¹ distribution¹ purchase¹ use¹

of steel knockdown sliding closet door units. We reserve the right to depart from it as we deem advisable.

We understand, of course, that only those products which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer _____
(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer _____

Organization _____
(Fill in exactly as it should be listed)

Street address _____

City, zone, and State _____

¹ Underscore the one that applies. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade associations, trade papers, etc., desiring to record their general support, the words "General support" should be added after the signature.

Cut on this line

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial Standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of Commercial Standards is to establish, for specific commodities, nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the standard, where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function, performed by the Department of Commerce in the voluntary establishment of Commercial Standards on a nationwide basis is fourfold: first, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active, valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

ACCEPTORS

The organizations listed below have individually accepted this standard for use as far as practicable in the production, distribution, purchase, or use of steel knockdown sliding closet door units (for wood frame installation). In accepting this standard they reserved the right to depart from it as they individually deem advisable. It is expected that products which actually comply with the requirements of this standard in all respects will be regularly identified or labeled as conforming thereto, and that purchasers will require such specific evidence of conformity.

ASSOCIATIONS

(General Support)

American Institute of Architects, New York Chapter, New York, N. Y.
Steel Door Institute, Cleveland, Ohio.

FIRMS AND OTHER INTERESTS

Amarillo Hardware Co., Amarillo, Tex.
American Welding & Manufacturing Co., Warren, Ohio.
Brust & Brust, Milwaukee, Wis.
Ceco Steel Products Corp., Chicago, Ill.
Central of Georgia Railway Co., Savannah, Ga.
Charlottesville Lumber Co., Charlottesville, Va.
Cohagen, Chandler C., Billings, Mont.
Conrad & Cummings, Binghamton, N. Y.
Crenshaw & Jost, Pekin, Ill.
Danser Hardware & Supply Co., Weston, W. Va.
Detroit, City of, Office of City Engineer, Detroit, Mich.
Eastman, A. Reynier, Rockford, Ill.
Flannagan, Eric G., & Sons, Henderson, N. C.
Florida, University of, Department of Architecture, Board of Control, Gainesville, Fla.
Geren, Preston M., Fort Worth, Tex.
Hager, C., & Sons, Hinge Manufacturing Co., St. Louis, Mo.
Haralson & Mott, Fort Smith, Ark.
Hastings, A. W., & Co., Inc., Somerville, Mass.
Hirzel, Charles K., New York, N. Y.

Kneeland-Bigelow Distributing Co., Bay City, Mich.
Larson Hardware Co., Sioux Falls, S. Dak.
Law, Law, Potter & Nystrom, Madison, Wis.
Makielski, Stanislaw, J., Charlottesville, Va.
Merritt Lumber Yards, Inc., Reading, Pa.
Morse Hardware Co., Bellingham, Wash.
Post, Geo. B., & Sons, New York, N. Y.
Post Iron Works, Inc., Brooklyn, N. Y.
Price, Beryl, Committee on Education & Research, American Institute of Architects, Philadelphia, Pa.
Rockwell Bros. & Co., Houston, Tex.
Schaeffer & Wilson, Bloomington, Ill.
Shenk, Henry, Co., Tampa, Fla.
Spiegel, Inc., Chicago, Ill.
Standard Equipment Supply, Ltd., Windsor, Ontario, Canada
Steelcraft Manufacturing Co., Rossmoyne (Greater Cincinnati), Ohio
Stoetzel, Ralph, Chicago, Ill.
Thorne, Henry Calder, Ithaca, N. Y.
Truscon Steel Division, Republic Steel Corp., Youngstown, Ohio
United Steel Fabricators, Inc., Wooster, Ohio
Virginia Metal Products, Inc., Orange, Va.
Weirton Steel Co., Division of National Steel Corp., Weirton, W. Va.
Welch, Carroll E., Huntington, N. Y.
Westcott & Mapes Inc., New Haven, Conn.
Willson, Fred F., Bozeman, Mont.
Wittenberg, Delony & Davidson, Little Rock, Ark.
Wuehrmann, Wm. G., El Paso, Tex.
Yale & Towne Manufacturing Co., Stamford, Conn.
Zimmerman, A. C., Los Angeles, Calif.
Department of the Army, Washington, D. C.

OTHER COMMERCIAL STANDARDS

A list of Commercial Standards may be obtained from the Commodity Standards Division, Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C. These publications may be purchased at the prices indicated on the list, which also includes directions for ordering copies.

NOTE

The Commercial Standard set forth herein is one of three standards relating to steel doors proposed simultaneously by the Steel Door Institute. The other two have been issued separately by the United States Department of Commerce under the titles: Commercial Standard CS211-57, Flush-Type Interior Steel Doors and Frames.

Commercial Standard CS212-57, Steel Sliding Closet Door and Frame Units.